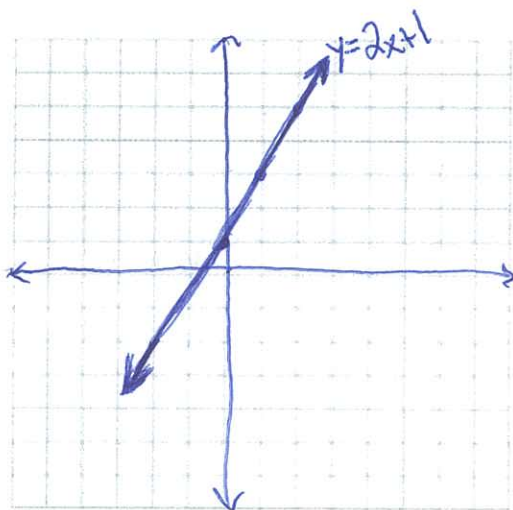


Name: _____
 Teacher: _____
 Geometry, Period _____

Geometry Form A

Review

1) Graph a line that is parallel to the line $y = 2x + 1$, label it A, and then graph a line that is perpendicular to $y = 2x + 1$, and label it B.



2) Simplify the following expressions:

• $4x + 3y + -5y + 3xy + y$

• $4x^2 + -7y + -4xy + 9x^2$

• $2y + 7xy + 6x2y + 7y$

• $-12n - (-13n)$

• $13ab + (-12ab)$

3) Solve for x

$$12 = -4(-6x - 3)$$

4) **Writing:** Describe the steps you would take to write an equation in slope intercept form of the line that passes through the point (3, -2) and (4, 5).

5)

Find the perimeter of the triangle. (Perimeter is the sum of the sides)

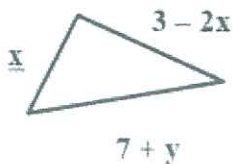
A. 10

B. $10 + y - x$

C. $4 + y + x$

D. $10 + y + x^*$

E. $4 + y - x$

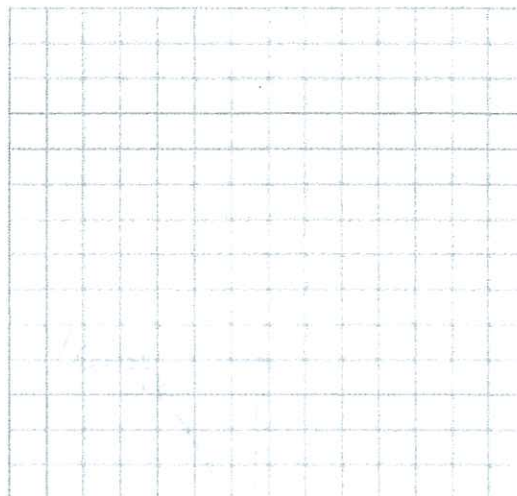


6) Write an equation in slope-int form of the line that passes through the given points: (4,5)(2,9)

7) Rewrite and graph the following

$$4y = 8 - 5x$$

Slope-intercept form: _____



8) Determine which of the following lines are parallel or perpendicular by rewriting in slope-int form and then graphing

Line A: $3y - 2x = 12 \rightarrow 3y = 2x + 12 \rightarrow$

Line B: $y = -6x + 4 \rightarrow$

Line C: $3y = 2x - 18 \rightarrow$

Line D: $2y = -3x + 18 \rightarrow$

$y = mx + b$

$y = mx + b$

Parallel: _____

Perpendicular: _____

